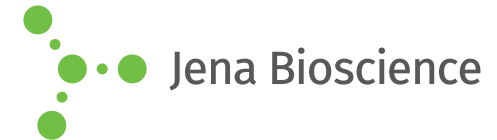




## Pi-minimal Screen

Cat.-No.: CS-127

## SCREEN FORMULATION



No.	Precipitant	Buffer	Additive
1	600 mM Sodium Potassium phosphate; pH 4.0	150 mM Sodium formate; pH 4.0	160 mM Potassium bromide
2	24 % v/v Polyethylene glycol monomethyl ether 550	150 mM Sodium acetate; pH 4.5	8 % v/v Polyethylene glycol 300
3	2 M Ammonium nitrate	150 mM di-Sodium DL-malate; pH 5.0	160 mM Magnesium sulfate
4	10 % w/v Polyethylene glycol 20,000	150 mM tri-Sodium citrate; pH 5.5	32 mM Sodium fluoride
5	30 % w/v Polyethylene glycol 1,000	150 mM MES; pH 6.0	80 mM Potassium thiocyanate
6	1.6 M Sodium chloride	150 mM MES; pH 6.5	160 mM Sodium iodide
7	24 % w/v Polyethylene glycol 4,000	150 mM MOPS; pH 7.0	8 % v/v 1,2-Propanediol
8	800 mM Lithium sulfate	150 mM HEPES; pH 7.5	none
9	20 % w/v Polyethylene glycol monomethyl ether 5,000	150 mM TRIS; pH 8.0	8 % v/v Ethylene glycol
10	36 % w/v Glycerol	150 mM TAPS; pH 8.5	80 mM Potassium Sodium tartrate
11	1.4 M Ammonium sulfate	150 mM AMPD - TRIS buffer; pH 9.0	8 % v/v 2-Methyl-2,4-pentanediol
12	20 % w/v Polyethylene glycol 8,000	150 mM CAPSO; pH 9.5	8 % v/v 2-Butanol
13	2.29 M Ammonium nitrate	150 mM Sodium formate; pH 4.0	70 mM Calcium chloride
14	11.4 % w/v Polyethylene glycol 20,000	150 mM Sodium acetate; pH 4.5	7 % v/v Ethylene glycol
15	34.3 % w/v Polyethylene glycol 1,000	150 mM di-Sodium DL-malate; pH 5.0	70 mM Potassium Sodium tartrate
16	1.83 M Sodium chloride	150 mM tri-Sodium citrate; pH 5.5	7 % v/v 2-Methyl-2,4-pentanediol
17	27.4 % w/v Polyethylene glycol 4,000	150 mM MES; pH 6.0	7 % v/v 2-Butanol
18	910 mM Lithium sulfate	150 mM MES; pH 6.5	140 mM Potassium bromide
19	22.9 % w/v Polyethylene glycol monomethyl ether 5,000	150 mM MOPS; pH 7.0	7 % v/v Polyethylene glycol 300
20	41.1 % w/v Glycerol	150 mM HEPES; pH 7.5	140 mM Magnesium sulfate
21	1.6 M Ammonium sulfate	150 mM TRIS; pH 8.0	28 mM Sodium fluoride
22	22.9 % w/v Polyethylene glycol 8,000	150 mM TAPS; pH 8.5	70 mM Potassium thiocyanate
23	690 mM Sodium Potassium phosphate; pH 9.0	150 mM AMPD - TRIS buffer; pH 9.0	140 mM Sodium iodide
24	28 % v/v Polyethylene glycol monomethyl ether 550	150 mM CAPSO; pH 9.5	7 % v/v 1,2-Propanediol

\*pH values indicated are those of the 1.0 M buffer stock solution prior to dilution with other components





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## SCREEN FORMULATION



No.	Precipitant	Buffer	Additive
25	38.6 % w/v Polyethylene glycol 1,000	150 mM Sodium formate; pH 4.0	120 mM Magnesium sulfate
26	2.06 M Sodium chloride	150 mM Sodium acetate; pH 4.5	24 mM Sodium fluoride
27	30.9 % w/v Polyethylene glycol 4,000	150 mM di-Sodium DL-malate; pH 5.0	60 mM Potassium thiocyanate
28	1.03 M Lithium sulfate	150 mM tri-Sodium citrate; pH 5.5	120 mM Sodium iodide
29	25.7 % w/v Polyethylene glycol monomethyl ether 5,000	150 mM MES; pH 6.0	6 % v/v 1,2-Propanediol
30	46.3 % w/v Glycerol	150 mM MES; pH 6.5	60 mM Calcium chloride
31	1.8 M Ammonium sulfate	150 mM MOPS; pH 7.0	6 % v/v Ethylene glycol
32	25.7 % w/v Polyethylene glycol 8,000	150 mM HEPES; pH 7.5	60 mM Potassium Sodium tartrate
33	770 mM Sodium Potassium phosphate; pH 8.0	150 mM TRIS; pH 8.0	6 % v/v 2-Methyl-2,4-pentanediol
34	31 % v/v Polyethylene glycol monomethyl ether 550	150 mM TAPS; pH 8.5	6 % v/v 2-Butanol
35	2.57 M Ammonium nitrate	150 mM AMPD - TRIS buffer; pH 9.0	120 mM Potassium bromide
36	12.9 % w/v Polyethylene glycol 20,000	150 mM CAPSO; pH 9.5	6 % v/v Polyethylene glycol 300
37	34.3 % w/v Polyethylene glycol 4,000	150 mM Sodium formate; pH 4.0	none
38	1.14 M Lithium sulfate	150 mM Sodium acetate; pH 4.5	5 % v/v 2-Methyl-2,4-pentanediol
39	28.6 % w/v Polyethylene glycol monomethyl ether 5,000	150 mM di-Sodium DL-malate; pH 5.0	5 % v/v 2-Butanol
40	51.4 % w/v Glycerol	150 mM tri-Sodium citrate; pH 5.5	100 mM Potassium bromide
41	2 M Ammonium sulfate	150 mM MES; pH 6.0	5 % v/v Polyethylene glycol 300
42	28.6 % w/v Polyethylene glycol 8,000	150 mM MES; pH 6.5	100 mM Magnesium sulfate
43	860 mM Sodium Potassium phosphate; pH 7.0	150 mM MOPS; pH 7.0	20 mM Sodium fluoride
44	34 % v/v Polyethylene glycol monomethyl ether 550	150 mM HEPES; pH 7.5	50 mM Potassium thiocyanate
45	2.86 M Ammonium nitrate	150 mM TRIS; pH 8.0	100 mM Sodium iodide
46	14.3 % w/v Polyethylene glycol 20,000	150 mM TAPS; pH 8.5	5 % v/v 1,2-Propanediol
47	42.9 % w/v Polyethylene glycol 1,000	none	50 mM Calcium chloride
48	2.29 M Sodium chloride	150 mM CAPSO; pH 9.5	5 % v/v Ethylene glycol

\*pH values indicated are those of the 1.0 M buffer stock solution prior to dilution with other components

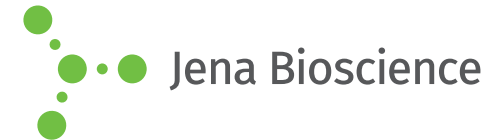




## Pi-minimal Screen

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## SCREEN FORMULATION



No.	Precipitant	Buffer	Additive
49	31.4 % w/v Polyethylene glycol monomethyl ether 5,000	150 mM Sodium formate; pH 4.0	40 mM Potassium thiocyanate
50	56.6 % w/v Glycerol	150 mM Sodium acetate; pH 4.5	80 mM Sodium iodide
51	2.2 M Ammonium sulfate	150 mM di-Sodium DL-malate; pH 5.0	4 % v/v 1,2-Propanediol
52	31.4 % w/v Polyethylene glycol 8,000	150 mM tri-Sodium citrate; pH 5.5	none
53	940 mM Sodium Potassium phosphate; pH 6.0	150 mM MES; pH 6.0	4 % v/v Ethylene glycol
54	37.7 % v/v Polyethylene glycol monomethyl ether 550	150 mM MES; pH 6.5	40 mM Potassium Sodium tartrate
55	3.14 M Ammonium nitrate	150 mM MOPS; pH 7.0	4 % v/v 2-Methyl-2,4-pentanediol
56	15.7 % w/v Polyethylene glycol 20,000	150 mM HEPES; pH 7.5	4 % v/v 2-Butanol
57	47.1 % w/v Polyethylene glycol 1,000	150 mM TRIS; pH 8.0	80 mM Potassium bromide
58	2.51 M Sodium chloride	150 mM TAPS; pH 8.5	4 % v/v Polyethylene glycol 300
59	37.7 % w/v Polyethylene glycol 4,000	150 mM AMPD - TRIS buffer; pH 9.0	80 mM Magnesium sulfate
60	1.26 M Lithium sulfate	150 mM CAPSO; pH 9.5	none
61	2.4 M Ammonium sulfate	150 mM Sodium formate; pH 4.0	3 % v/v 2-Butanol
62	34.3 % w/v Polyethylene glycol 8,000	150 mM Sodium acetate; pH 4.5	60 mM Potassium bromide
63	1.03 M Sodium Potassium phosphate; pH 5.0	150 mM di-Sodium DL-malate; pH 5.0	3 % v/v Polyethylene glycol 300
64	42 % v/v Polyethylene glycol monomethyl ether 550	none	60 mM Magnesium sulfate
65	3.43 M Ammonium nitrate	150 mM MES; pH 6.0	12 mM Sodium fluoride
66	17.1 % w/v Polyethylene glycol 20,000	150 mM MES; pH 6.5	30 mM Potassium thiocyanate
67	51.4 % w/v Polyethylene glycol 1,000	150 mM MOPS; pH 7.0	60 mM Sodium iodide
68	2.74 M Sodium chloride	150 mM HEPES; pH 7.5	3 % v/v 1,2-Propanediol
69	41.1 % w/v Polyethylene glycol 4,000	150 mM TRIS; pH 8.0	30 mM Calcium chloride
70	1.37 M Lithium sulfate	150 mM TAPS; pH 8.5	3 % v/v Ethylene glycol
71	34.3 % w/v Polyethylene glycol monomethyl ether 5,000	150 mM AMPD - TRIS buffer; pH 9.0	30 mM Potassium Sodium tartrate
72	61.7 % w/v Glycerol	150 mM CAPSO; pH 9.5	3 % v/v 2-Methyl-2,4-pentanediol

\*pH values indicated are those of the 1.0 M buffer stock solution prior to dilution with other components

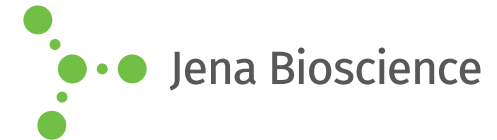




## Pi-minimal Screen

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## SCREEN FORMULATION



No.	Precipitant	Buffer	Additive
73	1.11 M Sodium Potassium phosphate; pH 4.0	150 mM Sodium formate; pH 4.0	2 % v/v 1,2-Propanediol
74	44.6 % v/v Polyethylene glycol monomethyl ether 550	150 mM Sodium acetate; pH 4.5	none
75	3.71 M Ammonium nitrate	150 mM di-Sodium DL-malate; pH 5.0	2 % v/v Ethylene glycol
76	18.6 % w/v Polyethylene glycol 20,000	150 mM tri-Sodium citrate; pH 5.5	20 mM Potassium Sodium tartrate
77	55.7 % w/v Polyethylene glycol 1,000	150 mM MES; pH 6.0	2 % v/v 2-Methyl-2,4-pentanediol
78	2.97 M Sodium chloride	150 mM MES; pH 6.5	2 % v/v 2-Butanol
79	44.6 % w/v Polyethylene glycol 4,000	150 mM MOPS; pH 7.0	40 mM Potassium bromide
80	1.49 M Lithium sulfate	150 mM HEPES; pH 7.5	2 % v/v Polyethylene glycol 300
81	37.1 % w/v Polyethylene glycol monomethyl ether 5,000	150 mM TRIS; pH 8.0	40 mM Magnesium sulfate
82	66.9 % w/v Glycerol	150 mM TAPS; pH 8.5	8 mM Sodium fluoride
83	2.6 M Ammonium sulfate	150 mM AMPD - TRIS buffer; pH 9.0	20 mM Potassium thiocyanate
84	37.1 % w/v Polyethylene glycol 8,000	150 mM CAPSO; pH 9.5	40 mM Sodium iodide
85	4 M Ammonium nitrate	150 mM Sodium formate; pH 4.0	1 % v/v Polyethylene glycol 300
86	20 % w/v Polyethylene glycol 20,000	150 mM Sodium acetate; pH 4.5	20 mM Magnesium sulfate
87	60 % w/v Polyethylene glycol 1,000	150 mM di-Sodium DL-malate; pH 5.0	4 mM Sodium fluoride
88	3.2 M Sodium chloride	150 mM tri-Sodium citrate; pH 5.5	10 mM Potassium thiocyanate
89	48 % w/v Polyethylene glycol 4,000	150 mM MES; pH 6.0	20 mM Sodium iodide
90	1.6 M Lithium sulfate	150 mM MES; pH 6.5	1 % v/v 1,2-Propanediol
91	40 % w/v Polyethylene glycol monomethyl ether 5,000	150 mM MOPS; pH 7.0	10 mM Calcium chloride
92	72 % w/v Glycerol	150 mM HEPES; pH 7.5	1 % v/v Ethylene glycol
93	2.8 M Ammonium sulfate	150 mM TRIS; pH 8.0	10 mM Potassium Sodium tartrate; pH 7.0
94	40 % w/v Polyethylene glycol 8,000	150 mM TAPS; pH 8.5	1 % v/v 2-Methyl-2,4-pentanediol
95	1.2 M Sodium Potassium phosphate; pH 9.0	150 mM AMPD - TRIS buffer; pH 9.0	1 % v/v 2-Butanol
96	48 % v/v Polyethylene glycol monomethyl ether 550	150 mM CAPSO; pH 9.5	20 mM Potassium bromide

\*pH values indicated are those of the 1.0 M buffer stock solution prior to dilution with other components

